

**AMENDMENTS TO THE SPECIFICATION:**

Please replace the paragraph on page 7, line 8 to page 10, line 31 with the following paragraph:

These ethylenically unsaturated monomers are, for example:

- styrene and styrene derivatives, such as  $\alpha$ -methylstyrene or vinyltoluene,
- carboxylic acid vinyl esters, such as vinyl acetate, [[vinyl Versatate®]] VINYL VERSATATE®, also known as vinyl neodecanoate, or vinyl propionate,
- vinyl and vinylidene halides,
- unsaturated ethylenic mono- and dicarboxylic acids, such as acrylic acid, methacrylic acid, itaconic acid, maleic acid or fumaric acid, and the monoalkyl esters of the dicarboxylic acids of the type mentioned with alkanols preferably having 1 to 4 carbon atoms and their N-substituted derivatives,
- amides of unsaturated carboxylic acids, such as acrylamide, methacrylamide, N-methylolacrylamide, N-methylolmethacrylamide or N-alkylacrylamides,
- ethylenic monomers comprising a sulfonic acid group and its alkali metal or ammonium salts, for example vinylsulfonic acid, vinylbenzenesulfonic acid, .alpha.-acrylamidomethylpropanesulfonic acid or 2-sulfoethylene methacrylate,
- amides of vinylamine, in particular vinylformamide, vinylacetamide, N-vinylpyrrolidone and N-vinylcaprolactam,
- unsaturated ethylenic monomers comprising a secondary, tertiary or quaternary amino group or a heterocyclic group comprising nitrogen, such as, for example, vinylpyridines, vinylimidazole, aminoalkyl (meth)acrylates and

aminoalkyl(meth)acrylamides, such as dimethylaminoethyl acrylate, dimethylaminoethyl methacrylate, di(tert-butyl)aminoethyl acrylate, di(tert-butyl)aminoethyl methacrylate, dimethylaminomethylacrylamide or dimethylamino-methylmethacrylamide, or zwitterionic monomers, such as, for example, sulfopropyl(dimethyl)-aminopropyl acrylate,

- (meth)acrylic esters, such as glycidyl acrylate or glycidyl methacrylate,
- vinyl nitrates,
- monomers comprising at least one boronate functional group or one precursor, for example chosen from acryloylbenzeneboronic acid, methacryloylbenzeneboronic acid, 4-vinylbenzene-boronic acid, 3-acrylamidophenylboronic acid or 3-methacrylamidophenylboronic acid, alone or as mixtures, or in the form of salts,
- monomers comprising phosphonates, for example chosen from N-methacrylamidomethylphosphonic acid ester derivatives, in particular the n-propyl ester (RN 31857-11-1), the methyl ester (RN 31857-12-2), the ethyl ester (RN 31857-13-3), the n-butyl ester (RN 31857-14-4) or the isopropyl ester (RN 51239-00-0), and their phosphonic monoacid and diacid derivatives, such as N-methacrylamido-methylphosphonic diacid (RN 109421-20-7); N-methacrylamidoethylphosphonic acid ester derivatives, such as N-methacrylamidoethylphosphonic acid dimethyl ester (RN 266356-40-5) or N-methacrylamidoethylphosphonic acid di(2-butyl-3,3-dimethyl) ester (RN 266356-45-0), and their phosphonic monoacid and diacid derivatives, such as N-methacrylamidoethylphosphonic diacid (RN 80730-17-2); N-acrylamidomethylphosphonic acid ester derivatives, such as N-acrylamido-

methylphosphonic acid dimethyl ester (RN 24610-95-5),  
N-acrylamidomethylphosphonic acid diethyl ester (RN 24610-96-6) or bis(2-chloropropyl) N-acrylamidomethylphosphonate (RN 50283-36-8), and their phosphonic monoacid and diacid derivatives, such as  
N-acrylamidomethylphosphonic acid (RN 151752-38-4); the vinylbenzylphosphonate dialkyl ester derivatives, in particular the di(n-propyl) (RN 60181-26-2), di(isopropyl) (RN 159358-34-6), diethyl (RN 726-61-4), dimethyl (RN 266356-24-5), di(2-butyl-3,3-dimethyl) (RN 266356-29-0) and di(t-butyl) (RN 159358-33-5) ester derivatives, and their phosphonic monoacid and diacid alternative forms, such as vinylbenzylphosphonic diacid (RN 53459-43-1); diethyl 2-(4-vinyl-phenyl)ethanephosphonate (RN 61737-88-0); dialkylphosphonoalkyl acrylate and methacrylate derivatives, such as 2-(acryloyloxy)ethyl-phosphonic acid dimethyl ester (RN 54731-78-1) and 2-(methacryloyloxy)ethylphosphonic acid dimethyl ester (RN 22432-83-3), 2-(methacryloyloxy)methyl-phosphonic acid diethyl ester (RN 60161-88-8), 2-(methacryloyloxy)methylphosphonic acid dimethyl ester (RN 63411-25-6), 2-(methacryloyloxy)propyl-phosphonic acid dimethyl ester (RN 252210-28-9), 2-(acryloyloxy)methylphosphonic acid diisopropyl ester (RN 51238-98-3) or 2-(acryloyloxy)ethyl-phosphonic acid diethyl ester (RN 20903-86-0), and their phosphonic monoacid and diacid alternative forms, such as  
2-(methacryloyloxy)ethylphosphonic acid (RN 80730-17-2),  
2-(methacryloyloxy)methyl-phosphonic acid (RN 87243-97-8),  
2-(meth-acryloyloxy)propylphosphonic acid (RN 252210-30-3),  
2-(acryloyloxy)propylphosphonic acid (RN 254103-47-4) and

2-(acryloyloxy)ethylphosphonic acid; vinylphosphonic acid, optionally substituted by cyano, phenyl, ester or acetate groups, vinylidenephosphonic acid, in the sodium salt form or the form of its isopropyl ester, or bis(2-chloroethyl)vinylphosphonate, it being possible for these monomers comprising a phosphonic mono- or diacid functional group to be used in the partially or completely neutralized form, optionally neutralized by an amine, for example dicyclohexylamine,

- monomers chosen from the phosphate analogs of the phosphonate-comprising monomers described above, the monomers then comprising a -C-O-P- sequence in comparison with the -C-P- sequence of the phosphonates, and
- monomers carrying an alkoxysilane group chosen from trimethoxysilylpropyl methacrylate, triethoxysilylpropyl methacrylate, tributoxy-silylpropyl methacrylate, dimethoxymethylsilylpropyl methacrylate, diethoxymethylsilylpropyl methacrylate, dibutoxymethylsilylpropyl methacrylate, diisopropoxymethylsilylpropyl methacrylate, dimethoxysilylpropyl methacrylate, diethoxysilylpropyl methacrylate, dibutoxysilyl-propyl methacrylate, diisopropoxysilylpropyl methacrylate, trimethoxysilylpropyl methacrylate, triethoxysilylpropyl methacrylate, tributoxysilylpropyl methacrylate, trimethoxysilylpropyl acrylate, triethoxysilyl-propyl acrylate, tributoxysilylpropyl acrylate, dimethoxymethylsilylpropyl acrylate, diethoxy-methylsilylpropyl acrylate, dibutoxymethylsilyl-propyl acrylate, diisopropoxymethylsilylpropyl acrylate, dimethoxysilylpropyl acrylate, diethoxysilylpropyl acrylate, dibutoxysilylpropyl acrylate,

diisopropoxysilylpropyl acrylate, trimethoxysilylpropyl acrylate,

triethoxysilylpropyl acrylate or tributoxysilylpropyl acrylate.